Kvaser BlackBird v2

EAN: 73-30130-00671-3

Kvaser BlackBird v2 is a high performance wireless (WLAN) communication link for the High Speed CAN bus. More powerful and versatile a WLAN solution than Kvaser's original BlackBird, Kvaser BlackBird v2 incorporates a new radio chip with up to 75% better range.

The BlackBird v2's ability to leverage existing wireless infrastructure makes it ideal for replacing cumbersome cable, accessing hard-to-reach CAN networks, or for monitoring a CANbus while in motion.

Major Features

- WLAN version 802.11b/g/n.
- Responds to increased market demand for iOS and Android API with a " device agnostic" HTTP-based REST API.
- Up to 75% increased range.
- Works in AdHoc and Infrastructure mode.

- Lightweight but highly rugged aluminum housing.
- Polyurethane cabling suitable for extreme environments.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Interfaces the CAN bus with a standard D-SUB connector.
- Configured via USB connection.
- Can be used as a wired interface.
- Operating voltage CAN bus (7 - 40 V DC).
- Messages are time-stamped and synchronized with a precision of 25 microsecond.
- Supports High Speed CAN (ISO 11898-2).
- Supports 11-bit and 29-bit identifiers.

Warranty

- 2-Year Warranty. See our General Conditions and Policies for details.

Support

- Free Technical Support on all products available by contacting support@kvaser.com.

Software

- Documentation, software and drivers can be downloaded for free at www.kvaser.com/downloads.
- Kvaser CANLIB SDK is a free resource that includes everything you need to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi, and Visual Basic.
- All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!
- J2534 Application Programming Interface available.
- RP1210A Application Programming Interface available.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER BLACKBIRD V2

PC INTERFACE	WiFi
OPERATING TEMPERATURE RANGE (C)	-40.00 to 70.00
# OF CAN CHANNELS	1
ON-BOARD TX BUFFER	Yes
SILENT MODE	Yes
MSGRATE RX MAX	15000
ON-BOARD RX BUFFER	Yes
LENGTH (MM)	170
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
GALVANIC ISOLATION	Yes
TIMESTAMP RESOLUTION (US)	25
MSGRATE TX MAX	15000
STATUS	Active
ON-BOARD BUFFER	Yes
ERROR FRAME GENERATION	Yes
HEIGHT (MM)	20
CERTIFICATIONS	CE,RoHS
SOUND	No
WEIGHT (G)	200.0
API, FREE	Kvaser API
CONNECTOR	DSUB 9
RUGGED	No
CASING MATERIAL	Aluminium
ERROR FRAME DETECTION	Yes
WIDTH (MM)	30
MINIMUM BITRATE (KBPS)	40
MAXIMUM BITRATE (KBPS)	1000
ERROR COUNTERS READING	Yes

The information herein is subject to change without notice